

RAW SEQUENCE LISTING PATENT APPLICATION US/09/490,700

DATE: 11/14/2001
TIME: 00:51:36

INPUT SET: S36666.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

1 use upper-case letters SEQUENCE LISTING
2
3
4

(1) General Information *for heading*

Does Not Comply
Corrected Diskette Needed

(i) APPLICANT: *↑ move up - all responses must be on same line as heading*
~~(A) NAME: NOVIMMUNE S.A. - c/o MEDABIOTECH SA~~
~~(B) STREET: 26 boulevard Helvétique~~
~~(C) CITY: GENEVA~~
~~(D) COUNTRY: SWITZERLAND~~
~~(E) POSTAL CODE (ZIP): CH 1207~~

(ii) TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND THERAPY OF
AUTOIMMUNE DISEASE, SUCH AS INSULIN DEPENDENT DIABETES
MELLITUS, INVOLVING RETROVIRAL SUPERANTIGENS

(iii) NUMBER OF SEQUENCES: 46

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:
(B) STREET:
(C) CITY:
(D) STATE:
(E) COUNTRY:
(F) ZIP:

(v) ~~(iv)~~ COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(vi) ~~(v)~~ CURRENT APPLICATION DATA:

→ (A) APPLICATION NUMBER: ~~PCT/EP~~
→ (B) FILING DATE:

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "DNA (synthetic)"

(ix) FEATURE:

*add these
mandatory
headings
and
responses
for a U.S.
case*

*EPO format is
invalid for a
U.S. case*

insert

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,700DATE: 11/14/2001
TIME: 00:51:37

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47 (A) NAME/KEY: misc_feature
48 (B) LOCATION:1..25
49 (D) OTHER INFORMATION:/note= "page 11"
50
51

52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
53

54 TTTTGTAGTC CCCTTAGTAT TTATT
55
56
57
58

25

59 (2) INFORMATION FOR SEQ ID NO: 2:
60

61 (i) SEQUENCE CHARACTERISTICS:

62 (A) LENGTH: 20 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66

67 (ii) MOLECULE TYPE: other nucleic acid

68 (A) DESCRIPTION: /desc = "Synthetic DNA"
69
70

71 (ix) FEATURE:

72 (A) NAME/KEY: misc_feature
73 (B) LOCATION:1..20
74 (D) OTHER INFORMATION:/note= "page 26"
75
76

77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
78

79 ATCCAACAAC CATGATGGAG
80
81
82
83

20

84 (2) INFORMATION FOR SEQ ID NO: 3:
85

86 (i) SEQUENCE CHARACTERISTICS:

87 (A) LENGTH: 21 base pairs
88 (B) TYPE: nucleic acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
91

92 (ii) MOLECULE TYPE: other nucleic acid

93 (A) DESCRIPTION: /desc = "Synthetic DNA"
94
95

96 (ix) FEATURE:

97 (A) NAME/KEY: misc_feature
98 (B) LOCATION:1..21
99 (D) OTHER INFORMATION:/note= "page 26"

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,700DATE: 11/14/2001
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100
101
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
103
104 TCTCGTAAGG TGCAAATGAA G 21
105
106
107
108
109 (2) INFORMATION FOR SEQ ID NO: 4:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 21 base pairs
113 (B) TYPE: nucleic acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: other nucleic acid
118 (A) DESCRIPTION: /desc = "synthetic DNA"
119
120
121 (ix) FEATURE:
122 (A) NAME/KEY: misc_feature
123 (B) LOCATION: 1..21
124 (D) OTHER INFORMATION: /note= "PAGE 26"
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
128
129 GTAAAGGATC AAGTGCTGTG C 21
130
131
132
133
134 (2) INFORMATION FOR SEQ ID NO: 5:
135
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 22 base pairs
138 (B) TYPE: nucleic acid
139 (C) STRANDEDNESS: single
140 (D) TOPOLOGY: linear
141
142 (ii) MOLECULE TYPE: other nucleic acid
143 (A) DESCRIPTION: /desc = "synthetic DNA"
144
145
146
147
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
149
150 CTTTACAAAG CAGTATTGCT GC 22
151
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,700DATE: 11/14/2001
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INPUT SET: S36666.raw

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(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 23 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "synthetic DNA"

(ix) FEATURE:

- (A) NAME/KEY: misc_feature
- (B) LOCATION:1..23
- (D) OTHER INFORMATION:/note= "RT 1a page 50"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

YAAATGGMGW AYGTAACAG ACT

23

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 23 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "Synthetic DNA"

(ix) FEATURE:

- (A) NAME/KEY: misc_feature
- (B) LOCATION:1..23
- (D) OTHER INFORMATION:/note= "RT 1b page 50"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

YAAATGGMGW AYGTAACAG ACT

23

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,700DATE: 11/14/2001
TIME: 00:51:38

INPUT SET: S36666.raw

206 (2) INFORMATION FOR SEQ ID NO: 8:
207
208 (i) SEQUENCE CHARACTERISTICS:
209 (A) LENGTH: 28 base pairs
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: linear
213
214 (ii) MOLECULE TYPE: other nucleic acid
215 (A) DESCRIPTION: /desc = "synthetic DNA"
216
217
218
219
220 (ix) FEATURE:
221 (A) NAME/KEY: misc_feature
222 (B) LOCATION:1..28
223 (D) OTHER INFORMATION:/note= "RT 2a-nested page 50"
224
225
226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
227
228 CGTCTAGAGC CTCTCCGGCA TGATCCCG 28
229
230
231
232
233 (2) INFORMATION FOR SEQ ID NO: 9:
234
235 (i) SEQUENCE CHARACTERISTICS:
236 (A) LENGTH: 28 base pairs
237 (B) TYPE: nucleic acid
238 (C) STRANDEDNESS: single
239 (D) TOPOLOGY: linear
240
241 (ii) MOLECULE TYPE: other nucleic acid
242 (A) DESCRIPTION: /desc = "synthetic DNA"
243
244
245 (ix) FEATURE:
246 (A) NAME/KEY: misc_feature
247 (B) LOCATION:1..28
248 (D) OTHER INFORMATION:/note= "RT 2b-nested page 50"
249
250
251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
252
253 CGTCTAGAGC CTCTCCGGCA TGATCCCA 28
254
255
256
257
258 (2) INFORMATION FOR SEQ ID NO: 10:

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/490,700DATE: 11/14/2001
TIME: 00:51:38**INPUT SET: S36666.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: NOVIMMUNE S.A. - c/o MEDABIOTECH SA
7	Unknown or Misplaced Identifier	(B) STREET: 26 boulevard Helv tique
8	Unknown or Misplaced Identifier	(C) CITY: GENEVA
9	Unknown or Misplaced Identifier	(E) COUNTRY: SWITZERLAND
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): CH 1207

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/490,700

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ADDRESSEE
STREET
CITY
STATE
COUNTRY
ZIP
CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
CLASSIFICATION
APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA